

MOLECULAR WEIGHT WORKSHEET 1

Class the formulae of the following compounds:

1. sulfur dioxide _____ SO_2 _____
2. ammonium phosphate _____ $(NH_4)_3PO_4$ _____
3. lithium hydroxide _____ $LiOH$ _____
4. sodium sulfate _____ Na_2SO_4 _____
5. carbon dioxide _____ CO_2 _____
6. hydrogen peroxide _____ H_2O_2 _____
7. sulfur dioxide _____ SO_2 _____
8. iron(II) chloride _____ $FeCl_2$ _____
9. carbon tetrachloride _____ CCl_4 _____
10. calcium chloride _____ $CaCl_2$ _____
11. diphosphorus pentoxide _____ P_2O_5 _____
12. acetic acid _____ CH_3COOH _____
13. phosphorus pentachloride _____ PCl_5 _____
14. copper(II) sulfate _____ $CuSO_4$ _____
15. mercury(II) chloride _____ $HgCl_2$ _____
16. silver iodide _____ AgI _____
17. carbon dioxide _____ CO_2 _____
18. potassium cyanide _____ KCN _____
19. dinitrogen monoxide _____ N_2O _____
20. potassium iodide _____ KI _____
21. ammonia(III) fluoride _____ BF_3 _____
22. lead(II) fluoride _____ PbF_2 _____
23. zinc _____ Zn _____
24. calcium sulfate _____ $CaSO_4$ _____
25. potassium nitrate _____ KNO_3 _____
26. zinc sulfate _____ $ZnSO_4$ _____
27. acetic acid _____ CH_3COOH _____
28. nitrogen monoxide _____ NO _____
29. carbon monoxide _____ CO _____
30. copper(II) bromide _____ $CuBr_2$ _____
31. mercury(II) fluoride _____ HgF_2 _____
32. sulfur dioxide _____ SO_2 _____
33. aluminum acetate _____ $Al(CH_3COO)_3$ _____
34. sodium hydroxide _____ $NaOH$ _____
35. barium hydroxide _____ $Ba(OH)_2$ _____
36. iron _____ Fe _____
37. nitrogen dioxide _____ NO_2 _____
38. sodium bromide _____ $NaBr$ _____
39. magnesium fluoride _____ MgF_2 _____
40. nitrogen pentoxide _____ N_2O_5 _____
41. ammonia _____ NH_3 _____
42. iron(III) oxide _____ Fe_2O_3 _____
43. calcium sulfate _____ $CaSO_4$ _____
44. trinitrobenzene _____ $C_6H_3(NO_2)_3$ _____
45. sodium chloride _____ $NaCl$ _____
46. calcium hydroxide _____ $Ca(OH)_2$ _____
47. sodium cyanide _____ $NaCN$ _____